



**HV-FX7750**  
**HV-FX5700**  
**HV-FX990**  
**HV-GX935**  
**HV-GX915**

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# SERVICE MANUAL

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STEREO VIDEO  
CASSETTE RECORDER

BASIC VIDEO MECHANISM

: D33K-4HF/PAL(6721R-0250B)<7750,5700>  
: D33K-4HD/PAL(6721R-0230B)<990>  
: D33K-2HD/PAL(6721R-0212A)<935,915>

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Replace this Service Manual with "Revision Publishing" when it is issued.

**aiwa**  
S/M Code No. 09-007-347-2T1

SIMPLE  
DATA

## ELECTRICAL MAIN PARTS LIST

DESCRIPTIONで判断できない物は "REFERENCE NAME LIST" を参照してください。  
If can't understand for Description please kindly refer to "REFERENCE NAME LIST".

| REF. NO.   | PART NO.       | KANRI NO.                | DESCRIPTION          | REF. NO. | PART NO.       | KANRI NO.                   | DESCRIPTION |
|------------|----------------|--------------------------|----------------------|----------|----------------|-----------------------------|-------------|
| IC         |                |                          |                      | C303     | 87-015-695-080 | CAP, E 1.0-50V              |             |
|            | S2-309-024-040 | SENSORLTV-817B PHOTO COU |                      | C304     | 87-015-684-080 | CAP, E 47-16V               |             |
| ▲          | SI-SS4-310-00A | IC, KA431AZ              |                      | C310     | 87-015-698-080 | CAP, E 4.7-50V              |             |
|            | SA-400-811-220 | KA7552                   |                      | C315     | 87-015-681-080 | CAP, E 10-16V               |             |
|            | SI-T01-238-00E | IC, TAI238F              |                      | C316     | 87-015-681-080 | CAP, E 10-16V               |             |
|            | SI-SA7-159-80A | IC, LA71598M             |                      | C318     | 87-015-695-080 | CAP, E 1.0-50V              |             |
|            | SI-HI6-432-19A | IC, HD6432197XA04F       |                      | C320     | 87-015-695-080 | CAP, E 1.0-50V              |             |
|            | SI-SS3-082-00A | IC, KA3082               |                      | C322     | 87-015-684-080 | CAP, E 47-16V               |             |
|            | SI-Al2-416-00B | IC, AT24C16-10PC         |                      | C325     | 87-015-695-080 | CAP, E 1.0-50V              |             |
|            | SI-KE7-031-00A | IC, KIA7031P             |                      | C326     | 87-015-681-080 | CAP, E 10-16V               |             |
|            | 87-001-196-010 | IC, KIA7042P             |                      | C327     | 87-015-681-080 | CAP, E 10-16V               |             |
|            | SI-NE1-631-10A | IC, UPD16311GC-AB6       |                      | C333     | 87-015-681-080 | CAP, E 10-16V               |             |
|            | SI-IT3-417-00B | IC, MSP3417D-QG<57, 77>  |                      | C337     | 87-015-698-080 | CAP, E 4.7-50V              |             |
|            | SI-SA7-479-30A | IC, LC74793<77>          |                      | C339     | 87-015-698-080 | CAP, E 4.7-50V              |             |
|            | SI-PH9-605-00A | IC, TDA9605H<57, 77>     |                      | C346     | 87-015-684-080 | CAP, E 47-16V               |             |
|            | SI-MT1-443-00A | IC, MM1443XJ             |                      | C348     | 87-015-695-080 | CAP, E 1.0-50V              |             |
|            |                |                          |                      | C354     | 87-015-684-080 | CAP, E 47-16V               |             |
|            |                |                          |                      | C358     | 87-015-695-080 | CAP, E 1.0-50V              |             |
| TRANSISTOR |                |                          |                      | C374     | 87-015-684-080 | CAP, E 47-16V               |             |
|            | ST-R12-730-9AA | TR, KTA1273-TP-Y         |                      | C376     | 87-015-681-080 | CAP, E 10-16V               |             |
|            | ST-R32-050-9AB | TR, KTC3205-TP-Y         |                      | C377     | 87-015-681-080 | CAP, E 10-16V               |             |
|            | ST-R12-680-9BA | TR, KTA1268-BL           |                      | C379     | 87-010-403-040 | CAP, E 3.3-50V              |             |
|            | S7-A30-293-010 | TR, KTC2804-Y            |                      | C386     | 87-010-552-040 | CAP, E 22-16V               |             |
|            | S3-1KR-A10-3M0 | TR, KRA103M-TP           |                      | C389     | 87-015-698-080 | CAP, E 4.7-50V              |             |
|            | ST-R10-030-9AA | TR, KSR1003              |                      | C390     | 87-010-552-040 | CAP, E 22-16V               |             |
|            | ST-R31-990-9AF | TR, KTC3199-BL           |                      | C392     | 87-010-408-040 | CAP, E 47UF-50V             |             |
|            | SK-RC1-01M-000 | TR, KRC101M              |                      | C500     | 87-016-455-080 | CAP, E 470UF-6.3V<77>       |             |
|            | ST-R12-670-9AC | TR, KTA1267-GR           |                      | C500     | 87-016-040-080 | CAP, 0.047F-5.5V<EXCEPT 77> |             |
|            | ST-R53-430-9BA | TR, 2SC5343-L            |                      | C502     | 87-015-684-080 | CAP, E 47-16V               |             |
|            | ST-R10-300-9AE | TR, KRC103M              |                      | C503     | 87-016-088-040 | CAP, E 220-6.3V             |             |
|            | ST-R19-800-9CA | TR, 2SA1980G             |                      | C504     | 87-016-088-040 | CAP, E 220-6.3V             |             |
|            | ST-R53-440-9AA | TR, 2SC5344Y             |                      | C505     | 87-015-684-080 | CAP, E 47-16V               |             |
|            | ST-R12-010-9AC | TR, SRC1201 4.7K,        |                      | C510     | 87-010-552-040 | CAP, E 22-16V               |             |
|            |                |                          |                      | C523     | 87-010-552-040 | CAP, E 22-16V               |             |
|            |                |                          |                      | C524     | 87-015-684-080 | CAP, E 47-16V               |             |
| DIODE      |                |                          |                      | C526     | 87-016-130-080 | CAP, 47-25V                 |             |
|            | SD-D01-000-9CA | DIODE, EG01CW            |                      | C530     | 87-015-681-080 | CAP, E 10-16V               |             |
|            | SD-R18-020-9AA | DIODE, ERA18-02KFRB      |                      | C534     | 87-015-698-080 | CAP, E 4.7-50V              |             |
|            | SD-R10-400-9BA | DIODE, RL104F            |                      | C535     | 87-015-698-080 | CAP, E 4.7-50V              |             |
|            | 87-020-215-010 | DIODE, ERC81-004L22      |                      | C546     | 87-016-130-080 | CAP, 47-25V                 |             |
|            | SD-R20-200-0AB | DIODE, HER202 BK         |                      | C561     | 87-016-088-040 | CAP, E 220-6.3V             |             |
|            | SD-D20-700-0AA | DIODE, 2A07              |                      | C591     | 87-016-088-040 | CAP, E 220-6.3V             |             |
|            | SD-S14-148-9BB | DIODE, 1N4148            |                      | C5A5     | 87-015-695-080 | CAP, E 1.0-50V              |             |
|            | SD-R10-400-9AB | DIODE, RL104             |                      | C5F2     | 87-010-408-040 | CAP, E 47UF-50V             |             |
|            |                |                          |                      | C5F3     | SC-E22-73D-638 | CAP, E 220-10V              |             |
| MAIN C.B   |                |                          |                      | C5P9     | 87-015-698-080 | CAP, E 4.7-50V              |             |
|            | C101           | S6-240-88K-000           | CAP, 0.1UF-275VAC    | C701     | 87-015-698-080 | CAP, E 4.7-50V              |             |
|            | C102           | S6-240-88K-000           | CAP, 0.1UF-275VAC    | C703     | 87-015-681-080 | CAP, E 10-16V               |             |
|            | C103           | SC-E47-6CU-611           | CAP, E 47UF-400V     | C704     | 87-015-684-080 | CAP, E 47-16V               |             |
|            | C105           | 87-016-375-010           | CAP, 0.01UF-630V     | C706     | 87-016-455-080 | CAP, E 470UF-6.3V           |             |
|            | C106           | S6-240-87B-000           | CAP, 100P-1KV        | C7S1     | 87-010-265-080 | CAP, E 33-16V               |             |
|            | C112           | 87-012-379-010           | CAP, 3300PF-400V     | C7V1     | 87-015-684-080 | CAP, E 47-16V<77>           |             |
|            | C113           | SA-1B3-OKH-2M0           | CAP, 220PF-400V      | C7V6     | 87-015-698-080 | CAP, E 4.7-50V<77>          |             |
|            | C115           | 87-010-408-040           | CAP, E 47UF-50V      | C7V7     | SC-N10-50K-948 | CAP, 1UF-50V<77>            |             |
|            | C116           | 87-010-237-910           | CAP, E 1000UF-16V    | C7V8     | 87-015-695-080 | CAP, E 1.0-50V<77>          |             |
|            | C117           | 87-010-375-080           | CAP, E 330-10V       | C806     | 87-015-698-080 | CAP, E 4.7-50V<57, 77>      |             |
|            | C118           | 87-010-248-080           | CAP, E 220-10V       | C807     | 87-015-698-080 | CAP, E 4.7-50V<57, 77>      |             |
|            | C119           | 87-010-408-040           | CAP, E 47UF-50V      | C810     | 87-015-681-080 | CAP, E 10-16V<57, 77>       |             |
|            | C120           | 87-010-387-010           | CAP, E 470UF-25V KME | C811     | 87-015-681-080 | CAP, E 10-16V<57, 77>       |             |
|            | C121           | 87-010-387-080           | CAP, E 470UF-25V     | C813     | 87-015-681-080 | CAP, E 10-16V<57, 77>       |             |
|            | C124           | 87-015-681-080           | CAP, E 10-16V        | C814     | 87-015-681-080 | CAP, E 10-16V<57, 77>       |             |
|            | C144           | 87-010-408-040           | CAP, E 47UF-50V      | C815     | 87-015-681-080 | CAP, E 10-16V<57, 77>       |             |
|            | C151           | 87-015-681-080           | CAP, E 10-16V        | C816     | 87-015-681-080 | CAP, E 10-16V<57, 77>       |             |
|            | C153           | 87-015-681-080           | CAP, E 10-16V        | C817     | 87-015-681-080 | CAP, E 10-16V<57, 77>       |             |
|            | C201           | 87-010-402-040           | CAP, E 2.2-50V       | C818     | 87-015-698-080 | CAP, E 4.7-50V<57, 77>      |             |
|            | C203           | 87-010-400-080           | CAP, E 0.47-50V      | C819     | 87-015-681-080 | CAP, E 10-16V<57, 77>       |             |
|            | C206           | 87-010-400-080           | CAP, E 0.47-50V      | C821     | 87-015-684-080 | CAP, E 47-16V<57, 77>       |             |
|            | C208           | 87-015-695-080           | CAP, E 1.0-50V       | C822     | 87-015-681-080 | CAP, E 10-16V<57, 77>       |             |
|            | C213           | 87-010-402-040           | CAP, E 2.2-50V       | C823     | 87-015-681-080 | CAP, E 10-16V<57, 77>       |             |
|            |                |                          |                      | C824     | 87-015-681-080 | CAP, E 10-16V<57, 77>       |             |

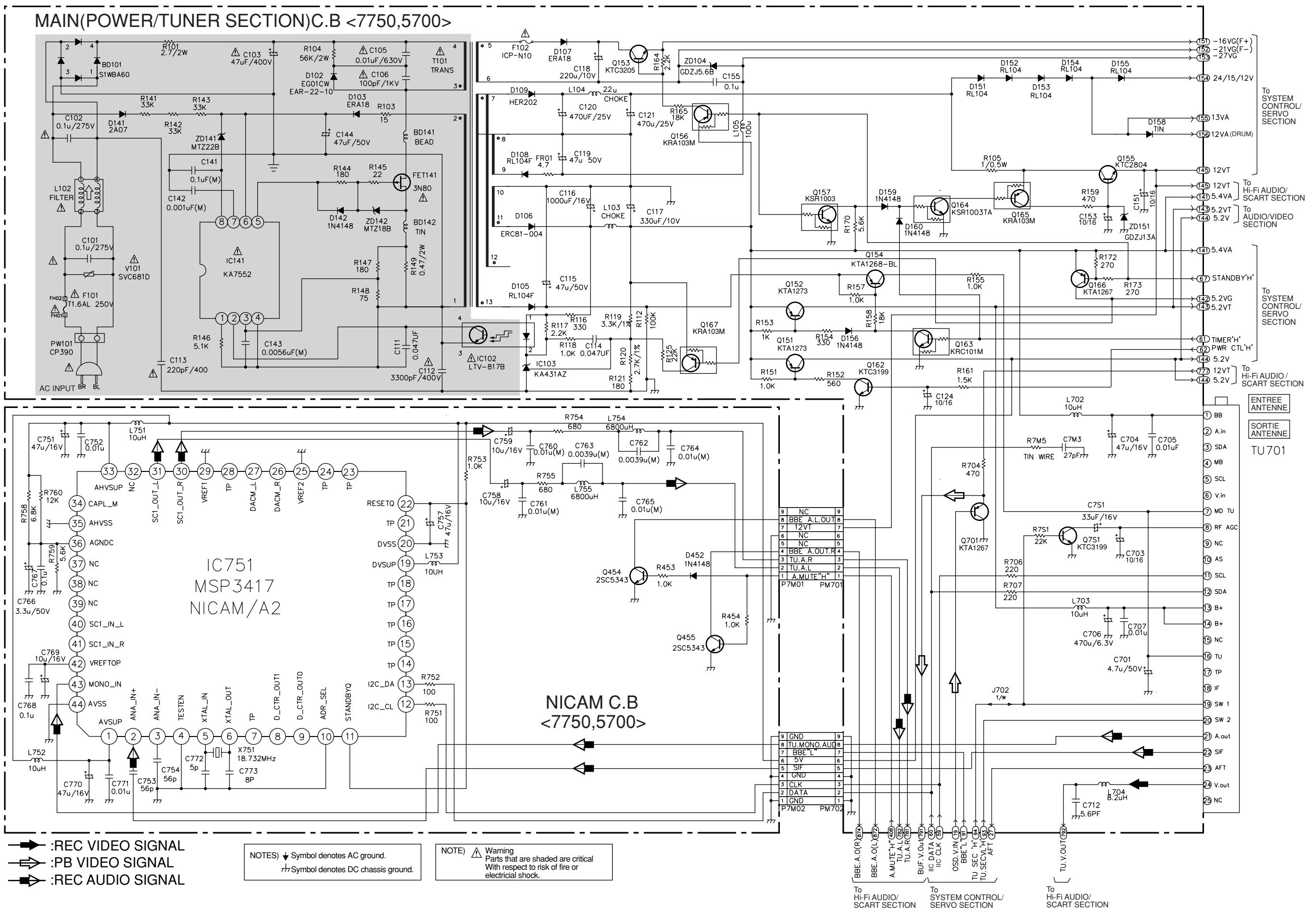
| REF. NO | PART NO.       | KANRI NO.                            | DESCRIPTION | REF. NO  | PART NO.       | KANRI NO.                          | DESCRIPTION |
|---------|----------------|--------------------------------------|-------------|----------|----------------|------------------------------------|-------------|
| C825    | 87-015-684-080 | CAP, E 47-16V<57, 77>                |             | P3D01    | S5-612-34Y-000 | CONN, 6P<99>                       |             |
| C827    | 87-015-681-080 | CAP, E 10-16V<57, 77>                |             | P3D01    | S5-612-34Z-000 | CONN, 3P<91, 93>                   |             |
| C828    | 87-015-684-080 | CAP, E 47-16V<57, 77>                |             | P3D02    | S6-30R-5S0-08E | CONN, 6P                           |             |
| C832    | 87-015-684-080 | CAP, E 47-16V                        |             | P3D03    | S5-612-51B-000 | GB201-2P-TS-B (LGC) P              |             |
| C835    | 87-010-400-080 | CAP, E 0.47-50V<57, 77>              |             | PMC01    | S6-30R-2P0-05C | CONN, 8P 2MM                       |             |
| C902    | 87-016-455-080 | CAP, E 470UF-6.3V                    |             | PMD01    | S5-612-34V-000 | GF120-07S-TS LGC 7P SP             |             |
| C912    | 87-016-455-080 | CAP, E 470UF-6.3V                    |             | PMK01    | S5-618-43D-000 | CONN, TUC-P05P 5P                  |             |
| C956    | 87-015-695-080 | CAP, E 1.0-50V                       |             | PMK02    | S6-724-34M-000 | CONN ASSY 10P-150<93, 77>          |             |
| C960    | 87-015-695-080 | CAP, E 1.0-50V                       |             | PMK02    | S6-724-34B-000 | CONN ASSY 5P-150<91, 99, 57>       |             |
| C961    | 87-015-695-080 | CAP, E 1.0-50V                       |             | PMLO1    | S6-30R-2S0-11A | CONN, 2P                           |             |
| C962    | 87-015-695-080 | CAP, E 1.0-50V                       |             | △PW101   | S5-612-92B-000 | GP390 LGC 3P STRAIG P              |             |
| C963    | 87-010-552-040 | CAP, E 22-16V                        |             | R101     | S6-140-07R-000 | RES, 2.7-2W                        |             |
| C964    | 87-015-695-080 | CAP, E 1.0-50V                       |             | R149     | 87-022-574-010 | RES, FIX O 0.47-2W                 |             |
| C9A1    | 87-015-695-080 | CAP, E 1.0-50V<91, 93, 99>           |             | R/C501   | S7-12R-293-8GA | REMOCON RECEIVER                   |             |
| C9A2    | 87-015-695-080 | CAP, E 1.0-50V<91, 93, 99>           |             | RS501    | S5-00R-AB0-02A | SENSOR GP1S566                     |             |
| C9A3    | 87-015-695-080 | CAP, E 1.0-50V<91, 93, 99>           |             | RS502    | S5-00R-AB0-02A | SENSOR GP1S566                     |             |
| C9A5    | 87-015-681-080 | CAP, E 10-16V<91, 93, 99>            |             | △T101    | S6-420-23U-000 | TRANSFORMER, SMPS SJE-023U         |             |
| C9A6    | 87-015-681-080 | CAP, E 10-16V<91, 93, 99>            |             | TU701    | S7-00R-PL0-1A0 | TUNER TADC-S101D                   |             |
| C9A7    | 87-015-681-080 | CAP, E 10-16V<91, 93, 99>            |             | W101     | 87-005-440-080 | COIL, 47M 6-6-5                    |             |
| C9F7    | 87-015-695-080 | CAP, E 1.0-50V<93, 77>               |             | X201     | S2-02R-242-8AE | X' TAL, H49U TAEIL 4286230H        |             |
| CS501   | S6-00R-DB0-04C | SW, MPU10252MLB4 MIC                 |             | X301     | S2-02R-244-3AE | CRYSTAL, STANDARD H49U             |             |
| DIG501  | S3-02R-1N0-03A | LEVEL METER DH 9MT168GK<57, 77>      |             | X501     | S2-02R-310-01F | X' TAL, 10.0000                    |             |
| DIG501  | S3-02R-1N0-03B | LEVEL METER 7MT229GK<91, 93, 99>     |             | X502     | S5-290-01K-000 | X' TAL, 32.768KHZ                  |             |
| ESS501  | S9-31R-001-6A0 | SENSOR END                           |             | X503     | S2-02R-317-71E | X' TAL, 17.734476MHZ               |             |
| ES502   | S9-31R-001-6A0 | SENSOR END                           |             | ZD104    | SD-Z56-260-9AA | ZENER, GDZJ5.6B 26MM TP            |             |
| △F101   | S5-850-11T-000 | FUSE, 1600MA 250V                    |             | ZD141    | SD-Z22-000-9ED | ZENER, MTZ22B                      |             |
| △F102   | 87-001-196-010 | ICP-N10 T104                         |             | ZD142    | 87-A40-458-080 | ZENER, MTZ18B                      |             |
| △FE1141 | ST-F38-002-0AA | TR, SSSS3N80A                        |             | ZD151    | SD-Z13-260-9AB | ZENER, GDZJ13A 26MM                |             |
| △FH01   | S5-860-08B-000 | HOLDER, FUSE CLIP                    |             | ZD501    | SD-Z68-260-9AB | ZENER, GDZJ6.8C                    |             |
| △FH02   | S5-860-08B-000 | HOLDER, FUSE CLIP                    |             | ZD503    | SD-Z68-260-9AB | ZENER, GDZJ6.8C                    |             |
| FL301   | S6-330-32K-000 | COIL, OSC BIAS 1CHIP 5V              |             | ZD701    | SD-Z33-260-9AA | ZENER, GDZJ33B 26MM TP             |             |
| JK801   | S6-12R-C00-2C0 | JACK, RCA RCA-208C-06<57, 77>        |             | ZD801    | SD-Z56-260-9AA | ZENER, GDZJ5.6B 26MM TP            |             |
| JK901   | S6-20R-M00-02A | SOCKET 2F-21P                        |             | ZD802    | SD-Z56-260-9AA | ZENER, GDZJ5.6B 26MM TP            |             |
| L102    | S6-161-45H-000 | FILTER SHT LFS2020V4-04350           |             | ZD803    | SD-Z13-260-9AB | ZENER, GDZJ13A 26MM<57, 77>        |             |
| L103    | S6-330-88G-000 | COIL, CHOCK TP 5MM                   |             | ZD804    | SD-Z13-260-9AB | ZENER, GDZJ13A 26MM<57, 77>        |             |
| L104    | S6-330-88G-000 | COIL, CHOCK TP 5MM                   |             | ZD805    | SD-Z51-000-9AJ | ZENER, GDZJ5.1B TP                 |             |
| L105    | 87-003-152-080 | INDUCTOR, 100M 2.3-3.4-5             |             | ZD805    | SD-Z51-000-9AJ | ZENER, GDZJ5.1B TP                 |             |
| L301    | 87-005-196-080 | COIL, 10UH                           |             |          |                |                                    |             |
| L302    | 87-003-286-080 | COIL, 56 2.3-3.4-5                   |             | KEY1 C.B |                |                                    |             |
| L303    | 87-003-152-080 | INDUCTOR, 100M 2.3-3.4-5<99, 57, 77> |             |          |                |                                    |             |
| L303    | 87-003-286-080 | COIL, 56 2.3-3.4-5<91, 93>           |             | PKM01    | S5-618-44D-000 | CONN, 5P                           |             |
| L305    | 87-005-196-080 | COIL, 10UH                           |             | SW905    | S5-562-19B-000 | SW, SKHV10910B<91, 93, 99>         |             |
| L307    | 87-005-196-080 | COIL, 10UH                           |             | SW905    | S5-562-82C-000 | SW, SKQNQED ALPS 5MM<57, 77>       |             |
| L308    | 87-005-440-080 | COIL, 47M 6-6-5                      |             | SW906    | S5-562-19B-000 | SW, SKHV10910B<91, 93, 99>         |             |
| L310    | 87-005-196-080 | COIL, 10UH                           |             | SW906    | S5-562-82C-000 | SW, SKQNQED ALPS 5MM<57, 77>       |             |
| L503    | 87-005-196-080 | COIL, 10UH                           |             | SW907    | S5-562-19B-000 | SW, SKHV10910B<91, 93, 99>         |             |
| L504    | 87-005-196-080 | COIL, 10UH                           |             | SW907    | S5-562-82C-000 | SW, SKQNQED ALPS 5MM<57, 77>       |             |
| L505    | 87-005-196-080 | COIL, 10UH                           |             | SW908    | S5-562-19B-000 | SW, SKHV10910B<91, 93, 99>         |             |
| L506    | 87-005-686-080 | COIL, 15UH                           |             | SW908    | S5-562-82C-000 | SW, SKQNQED ALPS 5MM<57, 77>       |             |
| L5F1    | 87-005-196-080 | COIL, 10UH                           |             | SW909    | S5-562-19B-000 | SW, SKHV10910B<91, 93, 99>         |             |
| L5F1    | 87-005-196-080 | COIL, 10UH                           |             | SW907    | S5-562-19B-000 | SW, SKHV10910B<91, 93, 99>         |             |
| L503    | 87-003-286-080 | COIL, 56 2.3-3.4-5<91, 93>           |             | SW907    | S5-562-82C-000 | SW, SKQNQED ALPS 5MM<57, 77>       |             |
| L305    | 87-005-196-080 | COIL, 10UH                           |             | SW908    | S5-562-19B-000 | SW, SKHV10910B<91, 93, 99>         |             |
| L307    | 87-005-196-080 | COIL, 10UH                           |             | SW908    | S5-562-82C-000 | SW, SKQNQED ALPS 5MM<57, 77>       |             |
| L308    | 87-005-440-080 | COIL, 47M 6-6-5                      |             | SW909    | S5-562-19B-000 | SW, SKHV10910B<91, 93, 99>         |             |
| L310    | 87-005-196-080 | COIL, 10UH                           |             | SW909    | S5-562-82C-000 | SW, SKQNQED ALPS 5MM<57, 77>       |             |
| L503    | 87-005-196-080 | COIL, 10UH                           |             | SW910    | S5-562-19B-000 | SW, SKHV10910B<91, 93, 99>         |             |
| L504    | 87-005-196-080 | COIL, 10UH                           |             | SW910    | S5-562-82C-000 | SW, SKQNQED ALPS 5MM<57, 77>       |             |
| L505    | 87-005-196-080 | COIL, 10UH                           |             | SW910    | S5-562-19B-000 | SW, SKHV10910B<91, 93, 99>         |             |
| L506    | 87-005-686-080 | COIL, 15UH                           |             | SW911    | S5-562-19B-000 | SW, SKHV10910B<91, 93, 99>         |             |
| L5F1    | 87-005-196-080 | COIL, 10UH                           |             | SW911    | S5-562-82C-000 | SW, SKQNQED ALPS 5MM<57, 77>       |             |
| L5S1    | 87-003-148-080 | INDUCTOR, 33                         |             | SW912    | S5-562-19B-000 | SW, SKHV10910B<91, 93, 99>         |             |
| L702    | 87-005-196-080 | COIL, 10UH                           |             |          |                |                                    |             |
| L703    | 87-005-196-080 | COIL, 10UH                           |             | KEY2 C.B |                |                                    |             |
| L704    | 87-003-145-080 | INDUCTOR, 8.2                        |             | BD981    | S6-360-04C-000 | COIL, BFS3550R2FD8<93, 77>         |             |
| L7V1    | 87-005-196-080 | COIL, 10UH<77>                       |             | JK901    | S5-720-34S-000 | JACK, ST 2P(YL)<93, 77>            |             |
| L801    | 87-005-196-080 | COIL, 10UH                           |             | JK902    | S5-720-34R-000 | JACK, ST 2P(WHT)<93, 77>           |             |
| L8R1    | 87-003-152-080 | INDUCTOR, 100M 2.3-3.4-5<57, 77>     |             | JK903    | S5-720-34Q-000 | JACK, ST 2P(RED)<77>               |             |
| L8R2    | 87-003-152-080 | INDUCTOR, 100M 2.3-3.4-5<57, 77>     |             | L901     | 87-003-152-080 | INDUCTOR, 100M 2.3-3.4-5<77>       |             |
| L901    | 87-003-152-080 | INDUCTOR, 100M 2.3-3.4-5             |             | L902     | 87-003-152-080 | INDUCTOR, 100M 2.3-3.4-5<93, 77>   |             |
| L904    | 87-003-152-080 | INDUCTOR, 100M 2.3-3.4-5             |             | LE901    | SD-L53-110-0AA | LED, SG5311(GRN)<91, 93, 99>       |             |
| L905    | S6-360-04C-000 | COIL, BFS3550R2FD8                   |             | LED902   | SD-L53-110-0AA | LED, SG5311(GRN)<57, 77>           |             |
| L906    | 87-003-152-080 | INDUCTOR, 100M 2.3-3.4-5             |             | PKM02    | S5-610-36I-000 | CONN, 8283-1012 WH ELCO<93, 77>    |             |
| L907    | S6-360-04C-000 | COIL, BFS3550R2FD8                   |             | PKM02    | S5-610-36D-000 | MA V 8283-0512 WH ELCO<91, 99, 57> |             |
| L911    | 87-003-152-080 | INDUCTOR, 100M 2.3-3.4-5             |             |          |                |                                    |             |
| L912    | 87-003-152-080 | INDUCTOR, 100M 2.3-3.4-5             |             |          |                |                                    |             |
| L914    | 87-003-152-080 | INDUCTOR, 100M 2.3-3.4-5             |             |          |                |                                    |             |
| L916    | 87-003-152-080 | INDUCTOR, 100M 2.3-3.4-5             |             |          |                |                                    |             |
| LD501   | S9-31R-001-7A0 | LED                                  |             |          |                |                                    |             |
| MS501   | S6-00R-PY0-01B | SW, MMS00420ZMBO MIC                 |             |          |                |                                    |             |
| P3D01   | S5-612-34W-000 | GF120-10S-TS-A LGC 10P MP<57, 77>    |             |          |                |                                    |             |

| REF. NO | PART NO.       | KANRI<br>NO. | DESCRIPTION                |
|---------|----------------|--------------|----------------------------|
| SW901   | S5-562-82C-000 |              | SW,SKQNQED ALPS 5MM<57,77> |
| SW902   | S5-562-82C-000 |              | SW,SKQNQED ALPS 5MM<57,77> |
| SW903   | S5-562-19B-000 |              | SW,SKHV10910B<91,93,99>    |
| SW903   | S5-562-82C-000 |              | SW,SKQNQED ALPS 5MM<57,77> |
| SW904   | S5-562-19B-000 |              | SW,SKHV10910B<91,93,99>    |
| SW904   | S5-562-82C-000 |              | SW,SKQNQED ALPS 5MM<57,77> |

NICAM C.B

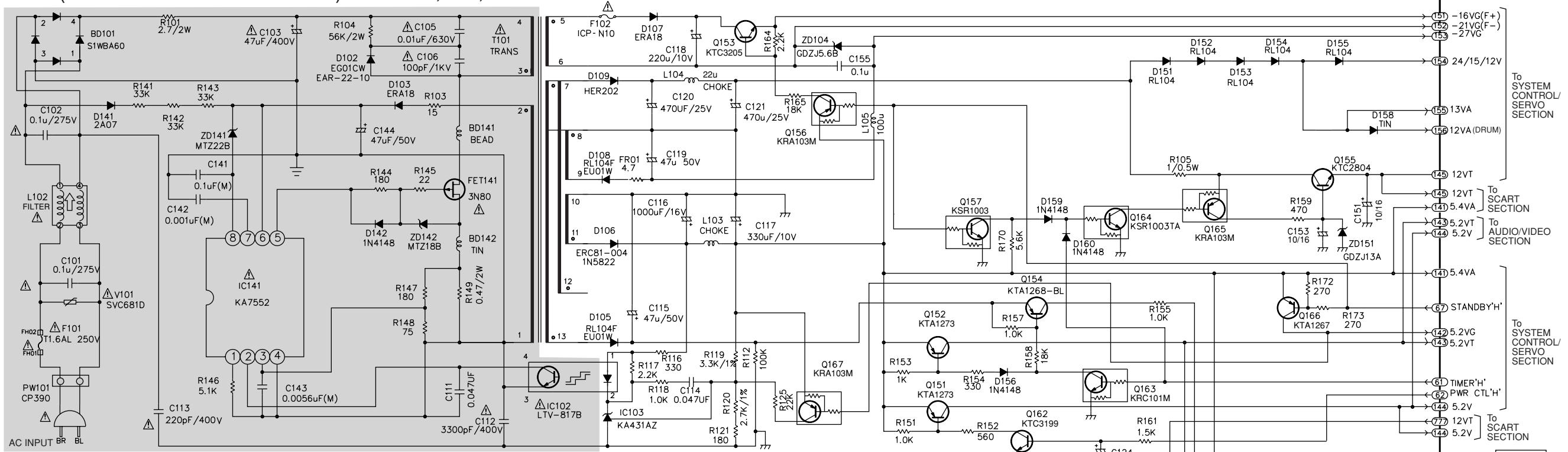
|       |                |                         |
|-------|----------------|-------------------------|
| C751  | 87-015-684-080 | CAP,E 47-16V<57,77>     |
| C757  | 87-015-684-080 | CAP,E 47-16V<57,77>     |
| C758  | 87-015-681-080 | CAP,E 10-16V<57,77>     |
| C759  | 87-015-681-080 | CAP,E 10-16V<57,77>     |
| C762  | SC-Q39-21N-409 | CAP,0.0039U 100V<57,77> |
| C763  | SC-Q39-21N-409 | CAP,0.0039U 100V<57,77> |
| C766  | 87-010-403-040 | CAP,E 3.3-50V<57,77>    |
| C769  | 87-015-681-080 | CAP,E 10-16V<57,77>     |
| C770  | 87-015-684-080 | CAP,E 47-16V<57,77>     |
| L751  | 87-005-196-080 | COIL,10UH<57,77>        |
| L752  | 87-005-196-080 | COIL,10UH<57,77>        |
| L753  | 87-005-196-080 | COIL,10UH<57,77>        |
| L754  | 87-003-129-080 | INDUCTOR,6800UH<57,77>  |
| L755  | 87-003-129-080 | INDUCTOR,6800UH<57,77>  |
| P7M01 | S5-618-48F-000 | CABLE 9P<57,77>         |
| P7M02 | S5-618-48F-000 | CABLE 9P<57,77>         |
| X751  | S5-290-219-000 | X'TAL 18.432MHZ<57,77>  |

| TYPE | MODEL NAME | SUFFIX |
|------|------------|--------|
| <77> | HV-FX7750  | LE     |
| <57> | HV-FX5700  | LE     |
| <99> | HV-FX990   | LE     |
| <93> | HV-GX935   | LE     |
| <91> | HV-GX915   | LE     |



SCHEMATIC DIAGRAM-2 (POWER/TUNER SECTION) <HV-FX990/GX935/915>

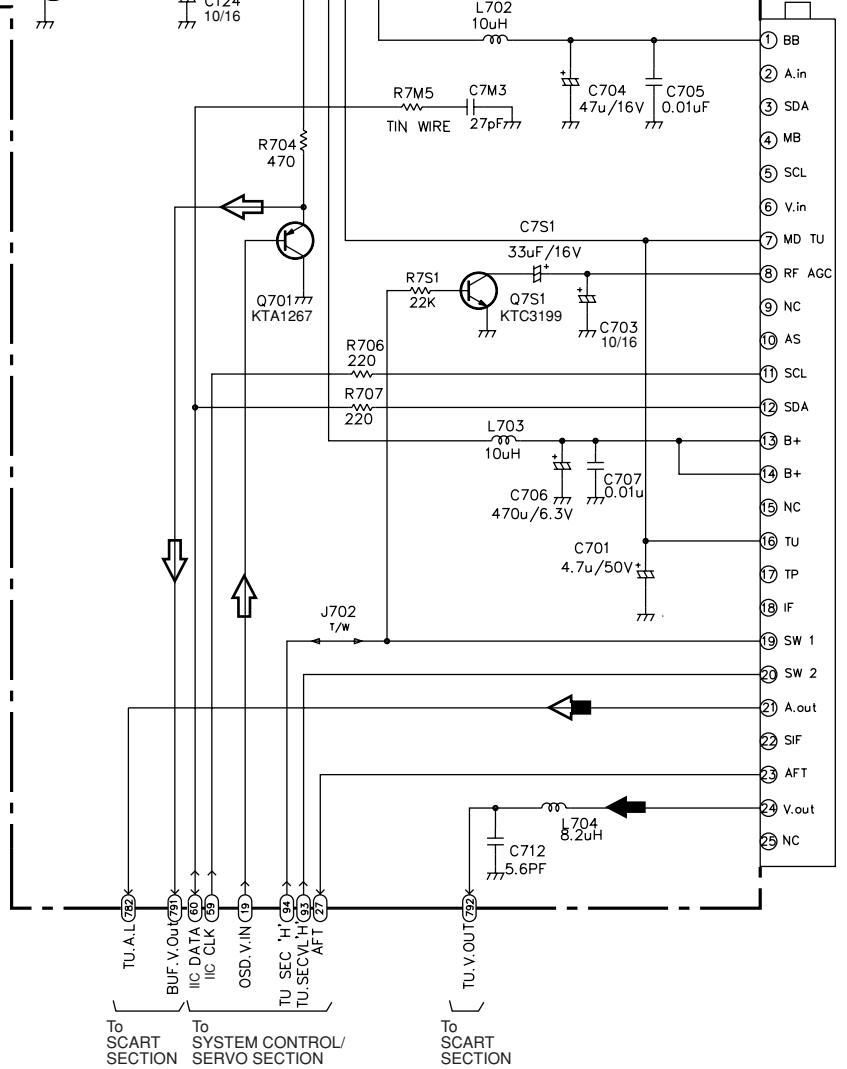
MAIN(POWER/TUNER SECTION)C.B <990,935,915>



→ :REC VIDEO SIGNAL  
→ :PB VIDEO SIGNAL  
→ :REC AUDIO SIGNAL

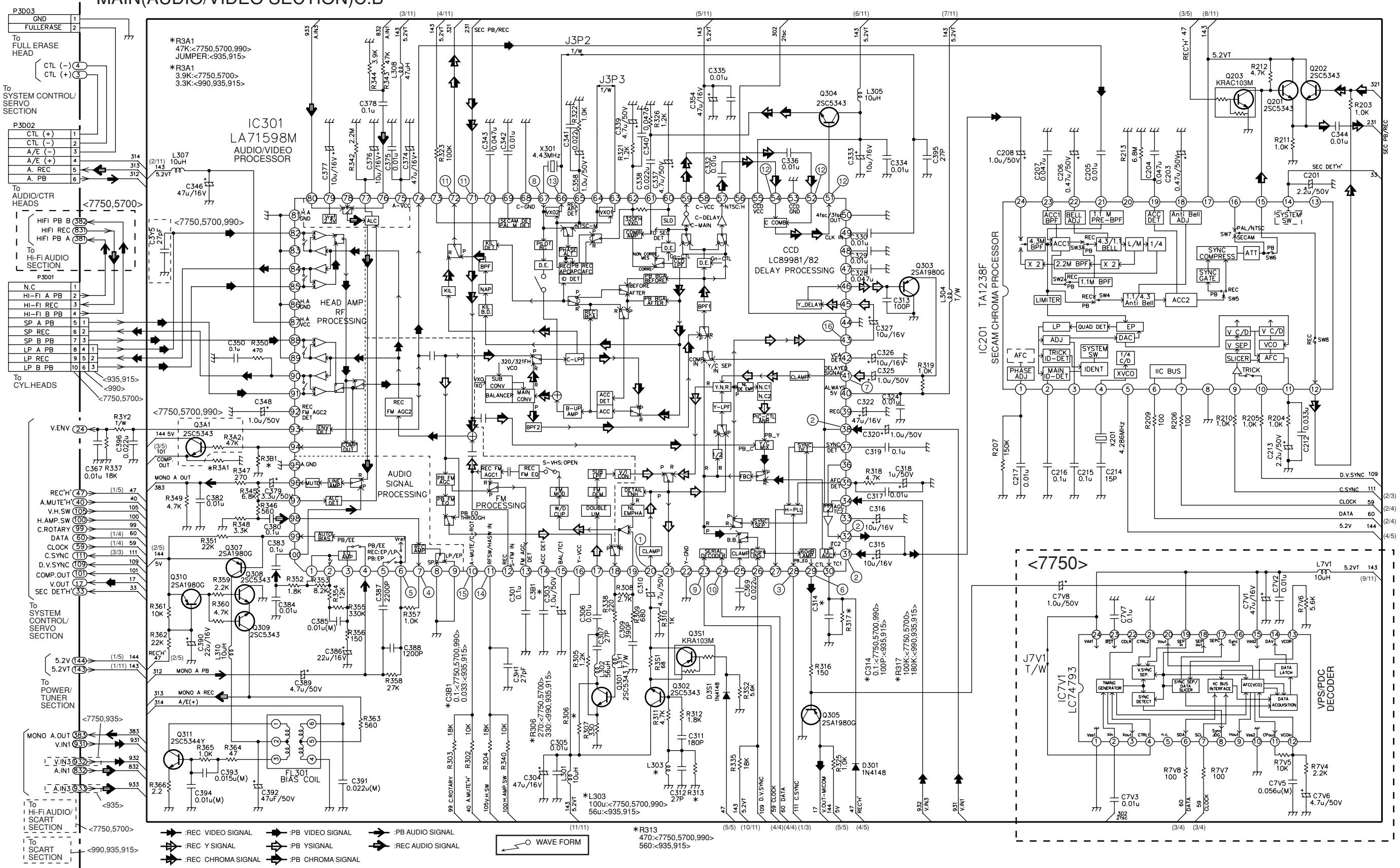
NOTES) ▾ Symbol denotes AC ground.  
↗ Symbol denotes DC chassis ground.

NOTE) △ Warning  
Parts that are shaded are critical  
With respect to risk of fire or  
electrical shock.

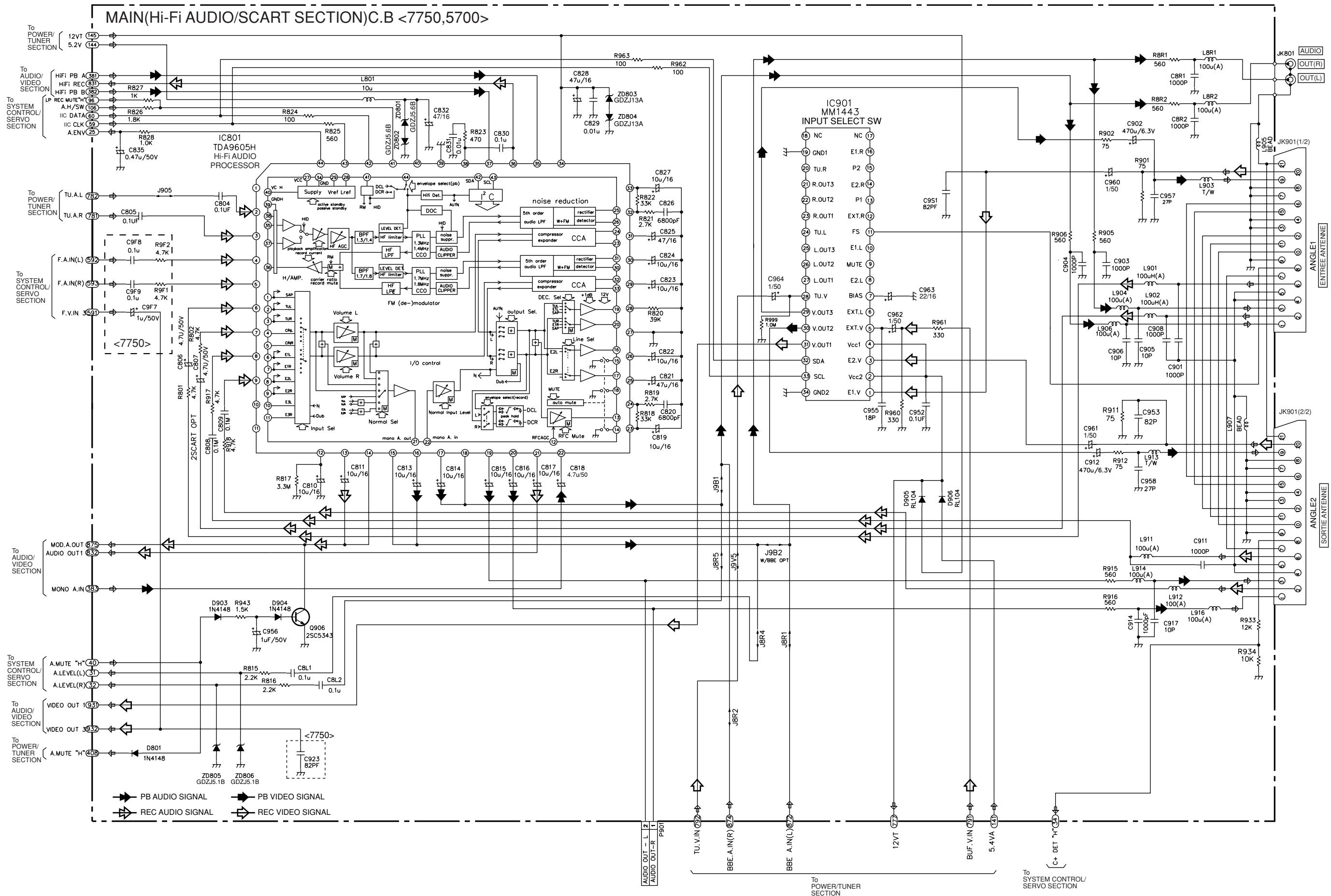


### SCHEMATIC DIAGRAM-3 (AUDIO/VIDEO SECTION)

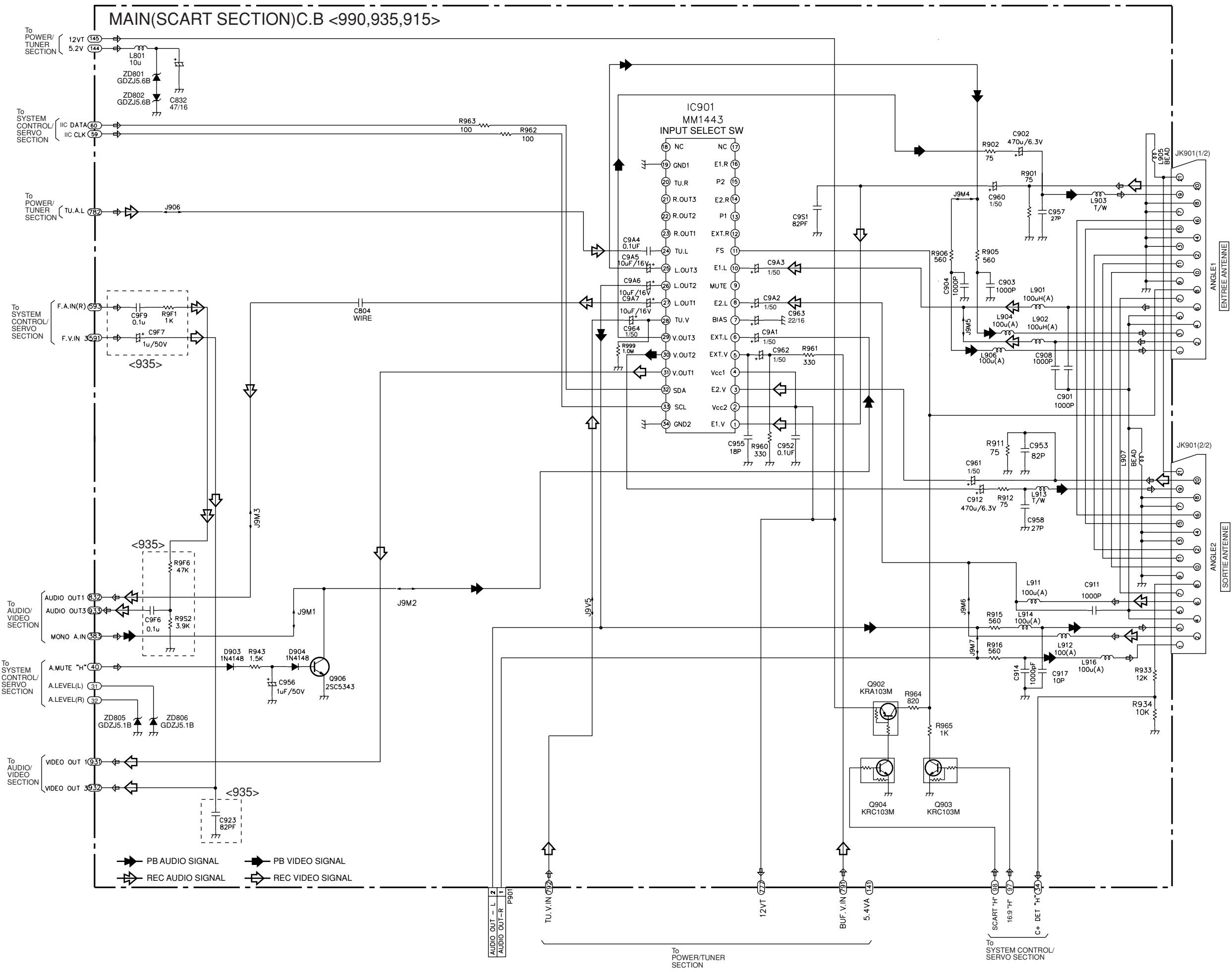
## MAIN(AUDIO/VIDEO SECTION)C.B



SCHEMATIC DIAGRAM-4 (Hi-Fi AUDIO SCART SECTION) <HV-FX7750/5700>

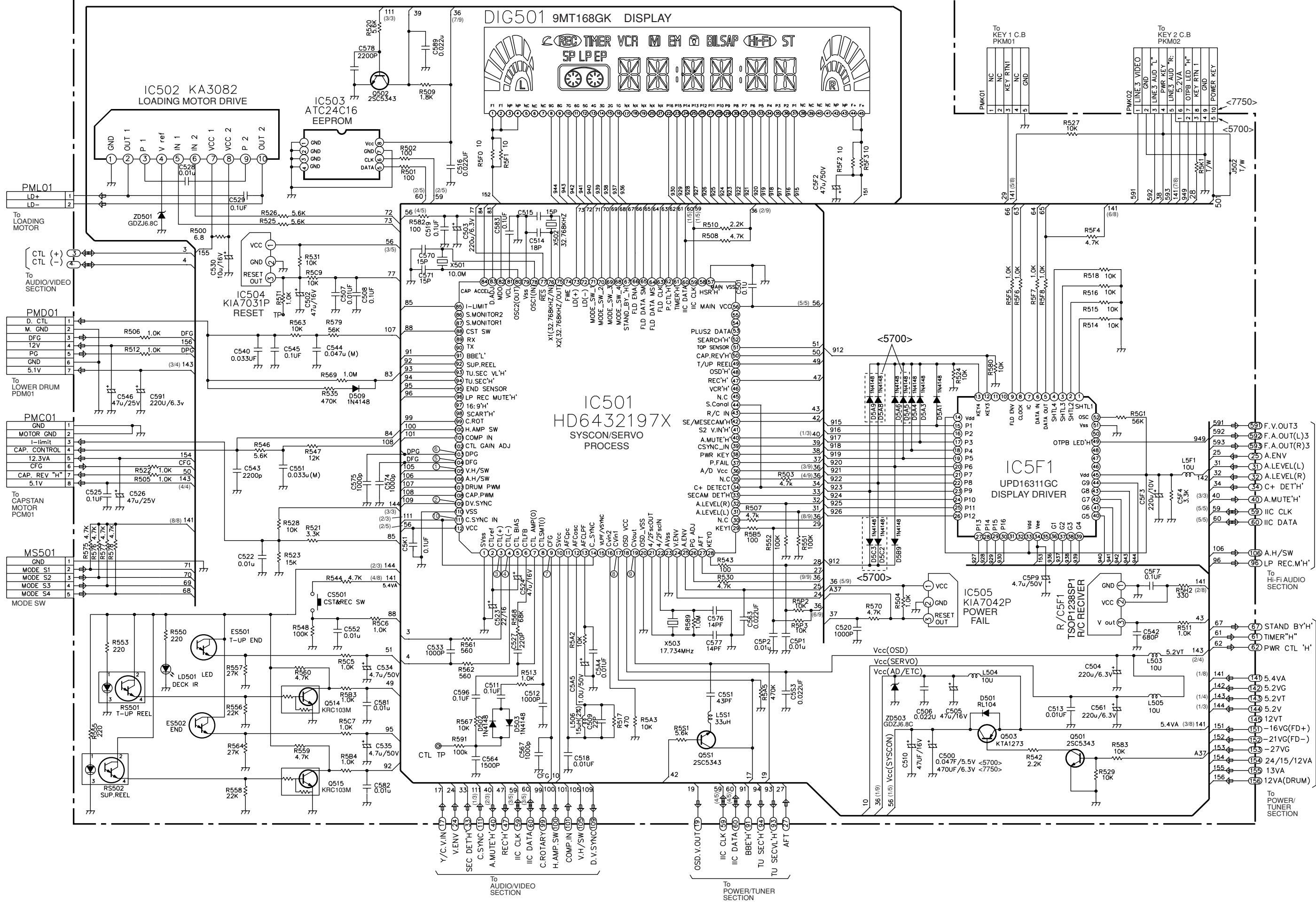


SCHEMATIC DIAGRAM5 (SCART SECTION) <HV-FX990/GX935/915>



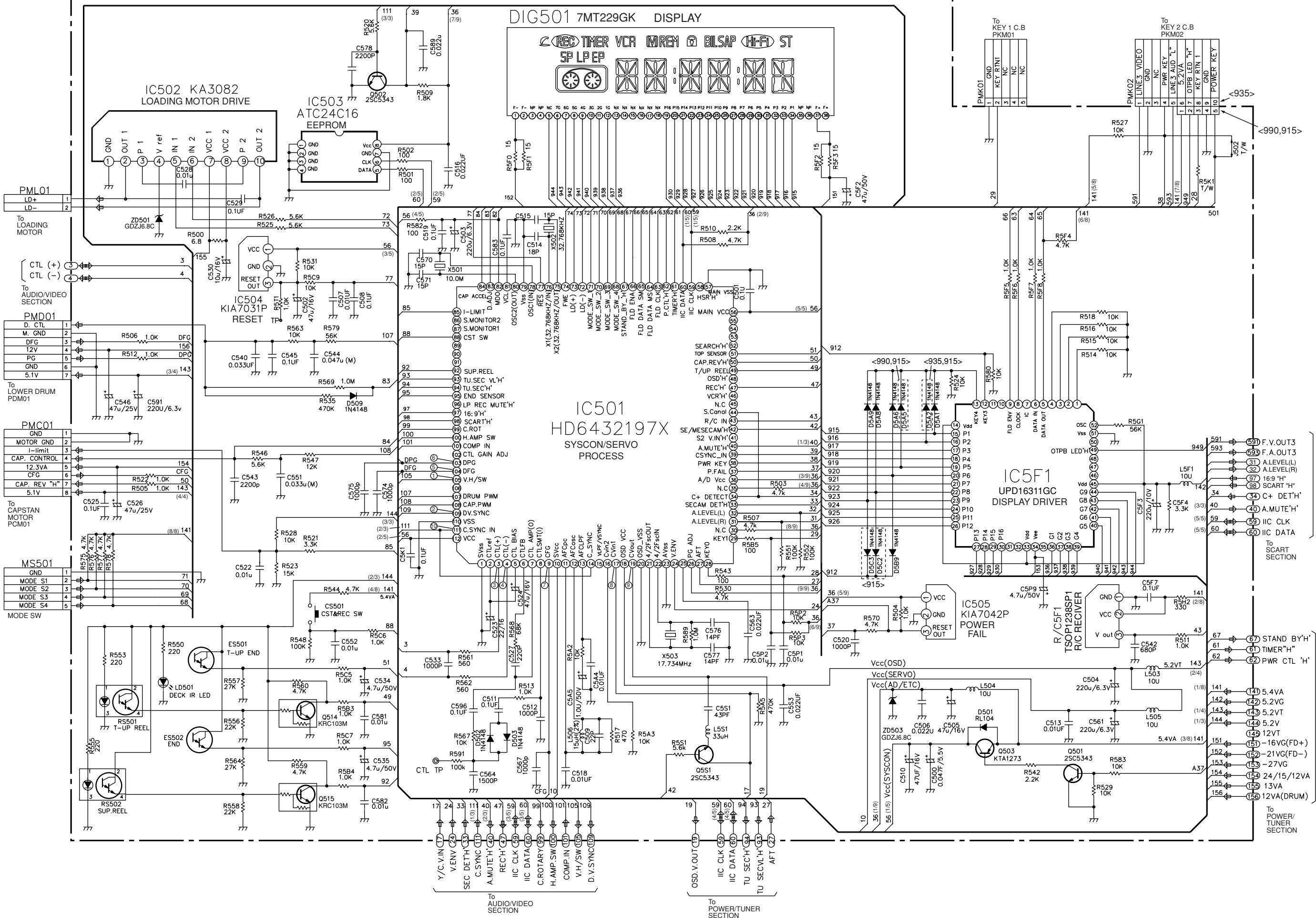
SCHEMATIC DIAGRAM-6 (SYSTEM CONTROL/SERVO SECTION) <HV-FX7750/5700>

MAIN(SYSTEM CONTROL/SERVO SECTION)C.B <7750,5700>

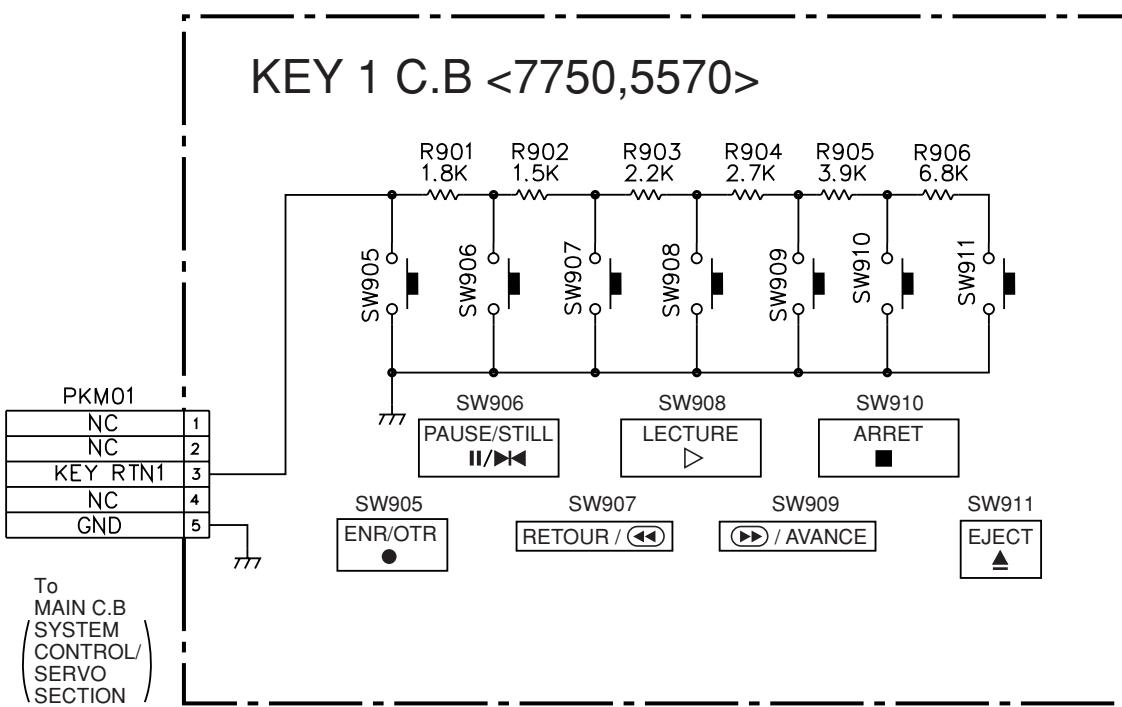


SCHEMATIC DIAGRAM-7 (SYSTEM CONTROL/SERVO SECTION) <HV-FX990/GX935/915>

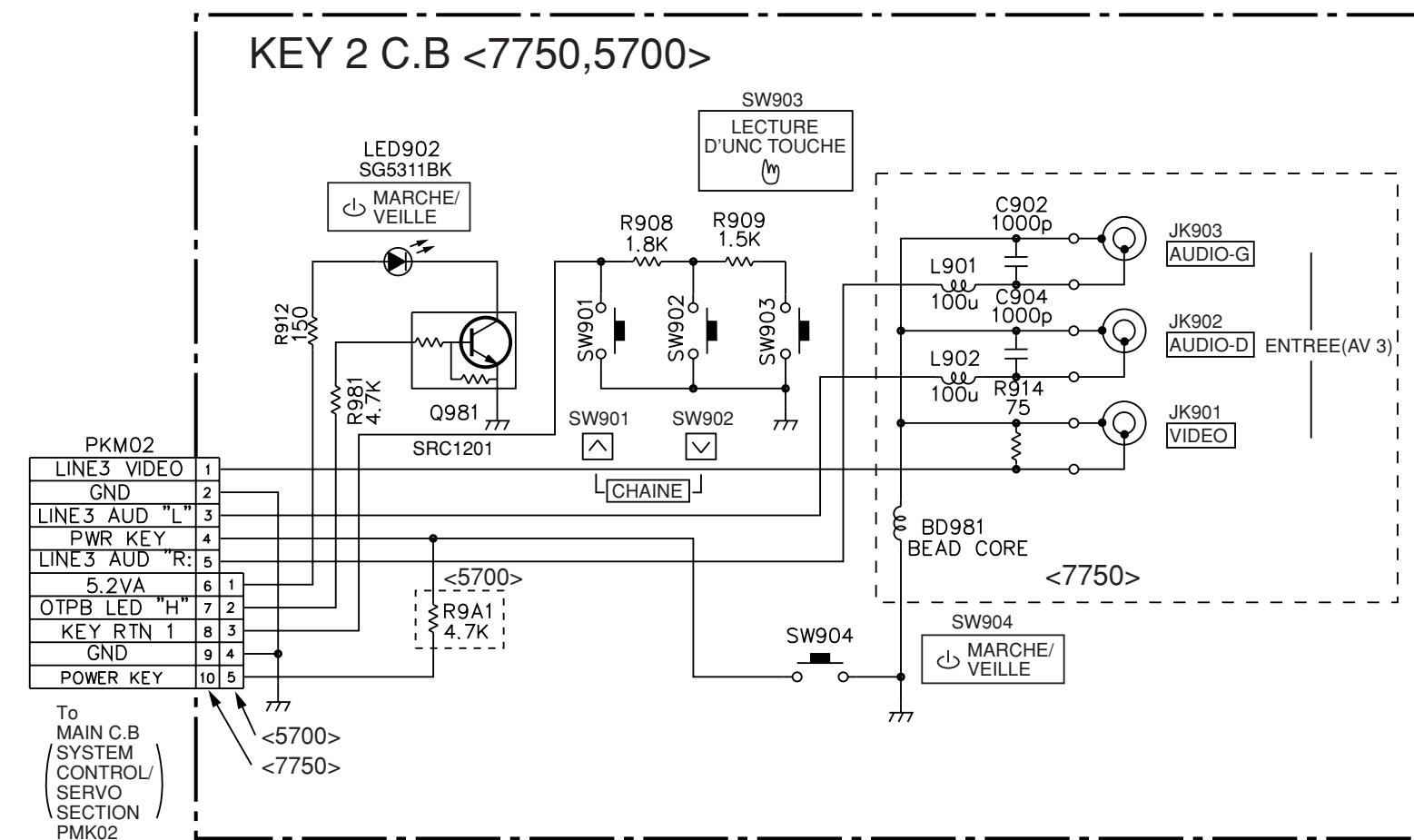
MAIN(SYSTEM CONTROL/SERVO SECTION)C.B <990,935,915>



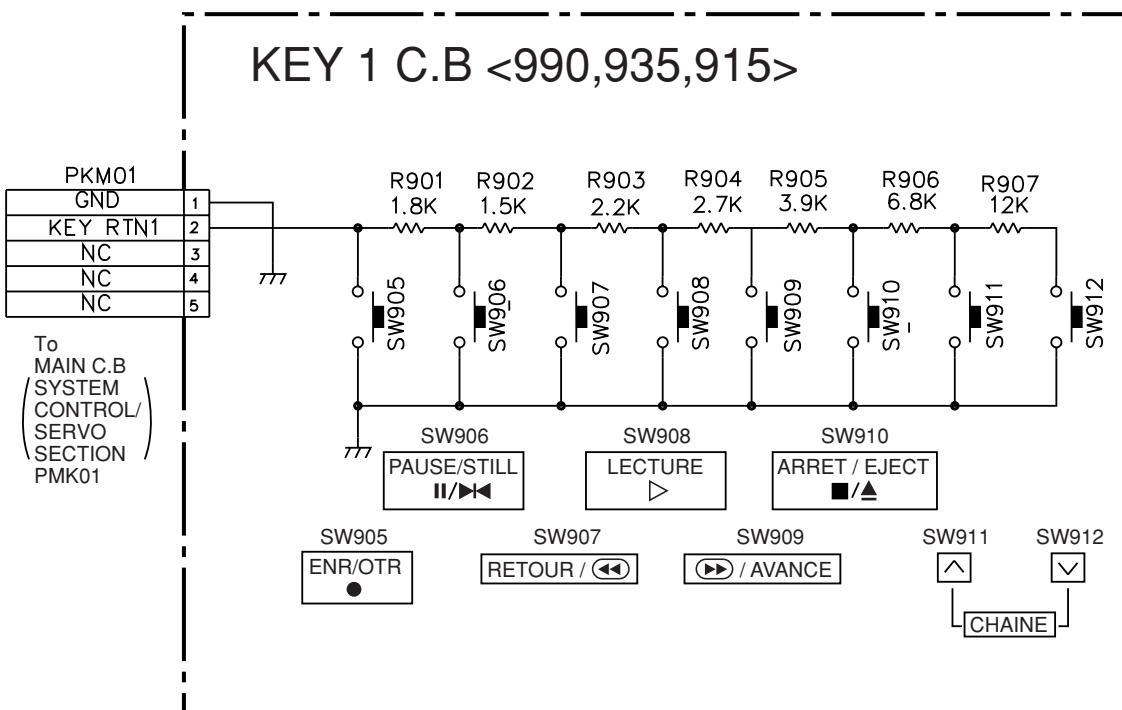
SCHEMATIC DIAGRAM-8 (KEY1 SECTION) &lt;VT-FX7750/5700&gt;



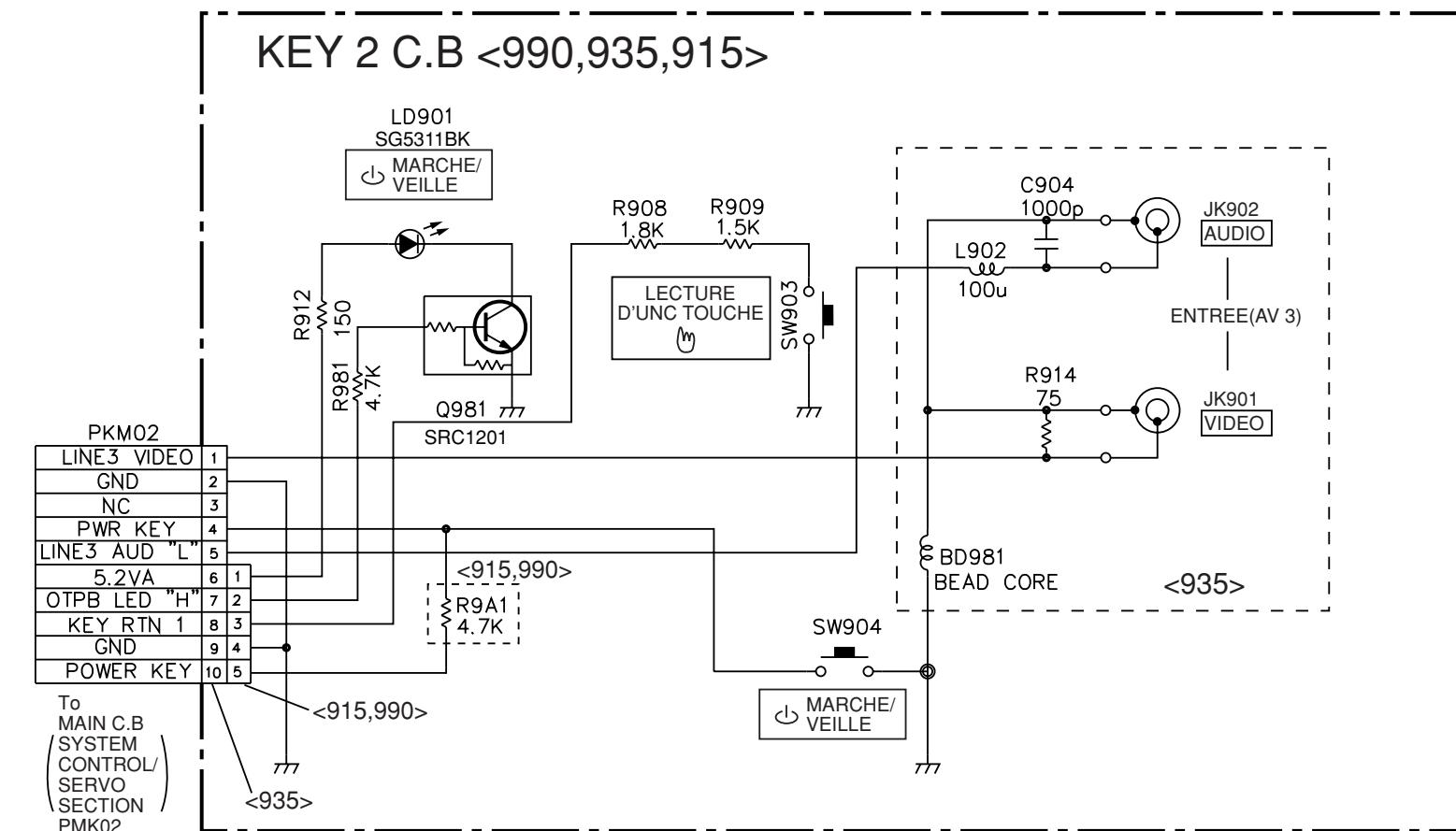
SCHEMATIC DIAGRAM-10 (KEY2 SECTION) &lt;VT-FX7750/5700&gt;



SCHEMATIC DIAGRAM-9 (KEY1 SECTION) &lt;VT-FX990/GX935/915&gt;



SCHEMATIC DIAGRAM-11 (KEY2 SECTION) &lt;VT-FX990/GX935/915&gt;



# MECHANICAL/MECHANSIM MAIN PARTS LIST 1/1

DESCRIPTIONで判断できない物は "REFERENCE NAME LIST" を参照してください。  
If can't understand for Description please kindly refer to "REFERENCE NAME LIST".

| REF. NO. | PART NO.       | KANRI NO. | DESCRIPTION                       | REF. NO. | PART NO.       | KANRI NO. | DESCRIPTION                             |
|----------|----------------|-----------|-----------------------------------|----------|----------------|-----------|---|
| 001      | S7-23R-010-4A0 |           | DRUM ASSY SUB D33-2CH<91, 93>     | 079      | S0-40R-002-1A0 |           | BASE, TENSION(D-33K)                    |
| 001      | S7-23R-010-5E0 |           | DRUM ASSY SUB D33-4CH PAL<99>     | 100      | S3-01R-003-2A0 |           | PLATE ASSY TOP                          |
| 001      | S7-23R-010-6E0 |           | DRUM ASSY SUB D33-6CH PAL<57, 77> | 101      | S8-10R-006-8A0 |           | BRACKET SIDE(L)                         |
| 001      | S8-50R-HG2-2Z0 |           | CABLE, FLAT UL2896                | 104      | S9-74R-001-9A0 |           | GUIDE CST                               |
| 001      | —              |           | SPR,BATT-B(N2)                    | 115      | S9-70R-005-0A0 |           | SPRING SWITCH                           |
| 002      | S6-80R-B00-04B |           | MOTOR(MECH) DRUM                  | 116      | S5-10R-002-0A0 |           | LEVER SWITCH                            |
| 003      | S9-30R-010-6A0 |           | HOLDER FPC(2CH)<91, 93>           | 250      | S1-10R-012-8U0 |           | CASE, TOP                               |
| 003      | S9-30R-010-7A0 |           | HOLDER FPC(4CH)<99>               | 275      | S9-30R-010-2A0 |           | HOLDER LED                              |
| 003      | S9-30R-010-8A0 |           | HOLDER FPC(6CH)<57, 77>           | 283      | S5-80R-003-3U0 |           | DOOR CST(915LE)<91>                     |
| 004      | S0-06R-002-0A0 |           | CAP,FPC                           | 283      | S5-80R-003-3T0 |           | DOOR CST(935LE)<93>                     |
| 009      | S2-61R-001-7A0 |           | ARM ASSY T/UP(D-33K)<99, 57, 77>  | 283      | S5-80R-003-3S0 |           | DOOR CST(990LE)<99>                     |
| 011      | S2-61R-001-8A0 |           | ARM ASSY TENSION (D-33K)          | 283      | S5-80R-V00-1F0 |           | DOOR CST(5700LE)<57>                    |
| 012      | S0-41R-000-3A0 |           | BASE ASSY P2                      | 283      | S5-80R-V00-1A0 |           | DOOR CST<77>                            |
| 013      | S0-41R-000-4A0 |           | BASE ASSY P3                      | 284      | S4-426-81A-000 |           | SPR,DOOR                                |
| 014      | S0-41R-000-7A0 |           | BASE ASSY P4                      | 300      | S4-10R-CHD-01A |           | POWER CORD                              |
| 015      | S8-70R-000-3A0 |           | OPENER LID                        | 320      | S7-20R-D02-0B0 |           | PANEL DISTRIBUTOR(PAL-SCART<91, 93, 99> |
| 016      | S0-41R-000-5F0 |           | BASE ASS A/C HEAD                 | 320      | S7-20R-D02-0C0 |           | PANEL DISTRIBUTOR(PAL-2SCART<57, 77>    |
| 017      | S4-08R-000-1B0 |           | REEL S                            | 323      | S1-11R-008-9B0 |           | CASE ASSY                               |
| 018      | S9-70R-005-4A0 |           | SPRING SB                         | 330      | S5-50R-021-0A0 |           | COVER BOTTOM                            |
| 019      | S4-21R-000-3A0 |           | BRAKE ASSY S                      | 401      | SM-PC0-261-418 |           | SCREW, 2.6-4.0                          |
| 020      | S9-70R-005-3A0 |           | SPRING TB                         | 406      | 87-261-094-410 |           | PAN HEAD SCREW 3-6                      |
| 021      | S4-21R-000-4A0 |           | BRAKE ASSY T                      | 409      | 87-741-095-410 |           | SCREW, PAN HEAD 3.0-8.0                 |
| 022      | S5-23B-33B-000 |           | HEAD FE D33                       | 410      | SA-PF0-262-218 |           | SCREW, PAN HEAD 2.6-6.8                 |
| 023      | S9-80R-001-0A0 |           | SUPPORTER CST                     | 452      | S3-530-51A-000 |           | SCREW, SPECIAL                          |
| 024      | S2-61R-001-3A0 |           | ARM ASSY IDLER                    | 457      | 87-741-097-410 |           | SCREW, 3-12                             |
| 027      | S4-70R-002-5A0 |           | GEAR WHEEL                        | 462      | S3-531-36A-000 |           | SCREW, SPECIAL(FBK)                     |
| 028      | S4-08R-000-2B0 |           | REEL T                            | 504      | S3-540-01B-000 |           | WASHER, P.S 3.1-6-0.5                   |
| 029      | S2-61R-001-1A0 |           | ARM ASSY PINCH                    | 517      | SW-ZZR-000-4B0 |           | WASHER STOPPER                          |
| 031      | S9-70R-006-9A0 |           | SPRING TENSION                    | 518      | SW-ZZR-000-4A0 |           | WASHER STOPPER                          |
| 032      | S1-41R-000-2B0 |           | CHASSIS ASSY D33                  | 519      | SW-ZZR-000-4D0 |           | WASHER STOPPER<99, 57, 77>              |
| 051      | S4-00R-000-5A0 |           | BELT CAPSTAN                      | A01      | S7-23R-010-2E0 |           | DRUM ASSY D33-4CH LP/21<99>             |
| 052      | S6-80R-A00-03A |           | MOTOR(MECH)                       | A01      | S7-23R-010-3B0 |           | DRUM ASSY D33-6CH PAL LP/21<57, 77>     |
| 053      | S9-74R-001-8A0 |           | GUIDE RACK F/L                    | A02      | S2-61R-001-7A0 |           | ARM ASSY T/UP(D-33K)<91, 93>            |
| 054      | S4-70R-003-7A0 |           | GEAR RACK F/L                     | A03      | S2-61R-001-5A0 |           | CLEANER ARM ASSY                        |
| 055      | S4-70R-003-3A0 |           | GEAR DRIVE                        | A04      | S8-11R-001-9A0 |           | BRACKET ASSY L/D MOTOR                  |
| 056      | S4-70R-003-2B0 |           | GEAR,CAM                          | A11      | S4-70R-002-8A0 |           | GEAR ASSY P3                            |
| 057      | S4-70R-003-6B0 |           | GEAR CONNECT                      | A12      | S4-70R-002-6A0 |           | GEAR ASSY P2                            |
| 059      | S9-70R-005-9A0 |           | SPRING CAPSTAN                    | A14      | S4-21R-000-5C0 |           | CAPSTAN BRAKE ASSY<99, 57, 77>          |
| 060      | S5-10R-002-5B0 |           | F/R LEVER                         | A21      | S9-31R-003-1A0 |           | HOLDER ASSY                             |
| 061      | S2-65R-000-3A0 |           | CLUTCH ASSY D33K                  | A22      | S8-11R-001-8A0 |           | BRACKET ASSY DOOR                       |
| 062      | S4-70R-005-8A0 |           | GEAR, UP/D33K                     | A23      | S2-61R-001-6A0 |           | ARM ASSY F/L                            |
| 063      | S9-70R-005-1A0 |           | SPRING UP/D                       | A43      | S7-21R-F13-5A0 |           | PANEL ASSY, FRONT<77>                   |
| 064      | S4-70R-003-4A0 |           | GEAR SECTOR                       |          |                |           |   |
| 077      | S3-00R-015-7A0 |           | PLATE SLIDER                      |          |                |           |   |
| 078      | S5-10R-002-2A0 |           | LEVER TENSION                     |          |                |           |   |

| TYPE | MODEL NAME | SUFFIX |
|------|------------|--------|
| <77> | HV-FX7750  | LE     |
| <57> | HV-FX5700  | LE     |
| <99> | HV-FX990   | LE     |
| <93> | HV-GX935   | LE     |
| <91> | HV-GX915   | LE     |

## ACCESSORIES LIST

DESCRIPTIONで判断できない物は "REFERENCE NAME LIST" を参照してください。  
If can't understand for Description please kindly refer to "REFERENCE NAME LIST".

| REF. NO. | PART NO.       | KANRI NO. | DESCRIPTION                            | REF. NO. | PART NO.       | KANRI NO. | DESCRIPTION                   |
|----------|----------------|-----------|--|----------|----------------|-----------|-------------------------------|
| 1        | S8-35R-P00-54A |           | INSTRUCTION ASSY CBFA201S NFA1<91>     | 4        | S8-615-05R-000 |           | CABLE ASSY<57, 77>            |
| 1        | S8-35R-P00-54D |           | INSTRUCTION ASSY CBFA204S NFA1<93>     | 4        | S8-615-05B-000 |           | CABLE SET ASSY<91, 93, 99>    |
| 1        | S8-35R-P00-54E |           | INSTRUCTION ASSY CBFA404S NFA1<99>     | 5        | S8-610-45F-000 |           | CABLE, COAXIAL 1.2M/M<57, 77> |
| 1        | S8-35R-P00-54B |           | INSTRUCTION ASSY CBFA911NS NFA<57>     | 6        | S5-640-18B-000 |           | PLUG ASSY PHONO CORD<57, 77>  |
| 1        | S8-35R-P00-54C |           | INSTRUCTION ASSY CBFA918NS NFA<77>     |          |                |           |                               |
| 2        | S7-11R-1P0-24G |           | REMOTE CONTROLLER ASSY N2<91>          |          |                |           |                               |
| 2        | S7-11R-1P0-24B |           | REMOTE CONTROLLER ASSY N2<93>          |          |                |           |                               |
| 2        | S7-11R-1P0-24A |           | REMOTE CONTROLLER ASSY N2(BFA9<99, 77> |          |                |           |                               |
| 2        | S7-11R-1P0-24H |           | REMOTE CONTROLLER ASSY N2(BFA9<57>     |          |                |           |                               |
| 3        | S8-610-33B-000 |           | CABLE SET ASSY<57, 77>                 |          |                |           |                               |



**アイワ株式会社**〒110-8710 東京都台東区池之端1-2-11 ☎03(3827)3111 (代表)  
**AIWA CO., LTD.** 2-11, IKENOHATA 1-CHOME, TAITO-KU, TOKYO 110-8710, JAPAN TEL:03 (3827) 3111